



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State’s measure of student progress in achieving the State accountability standards of Maine’s *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students’ scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 11901456
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

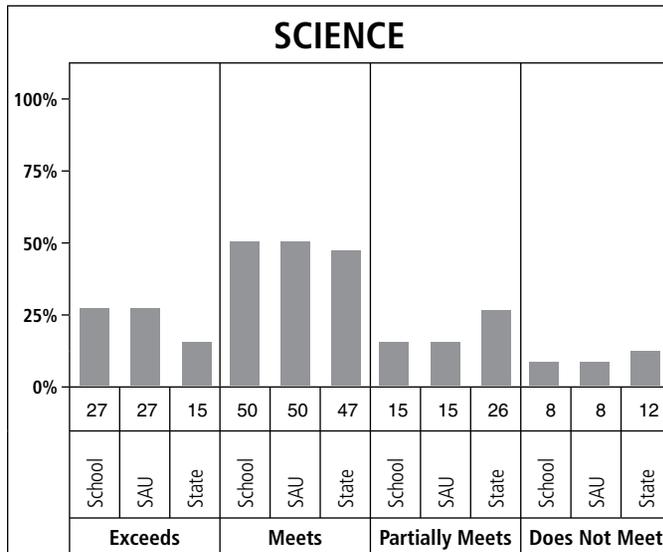
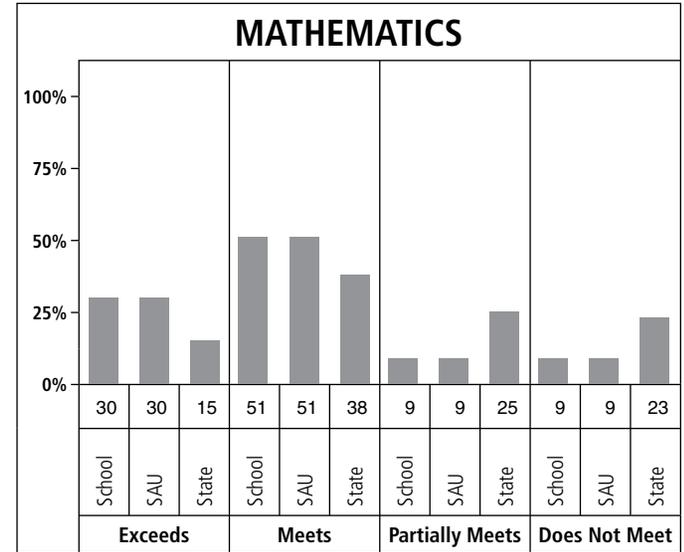
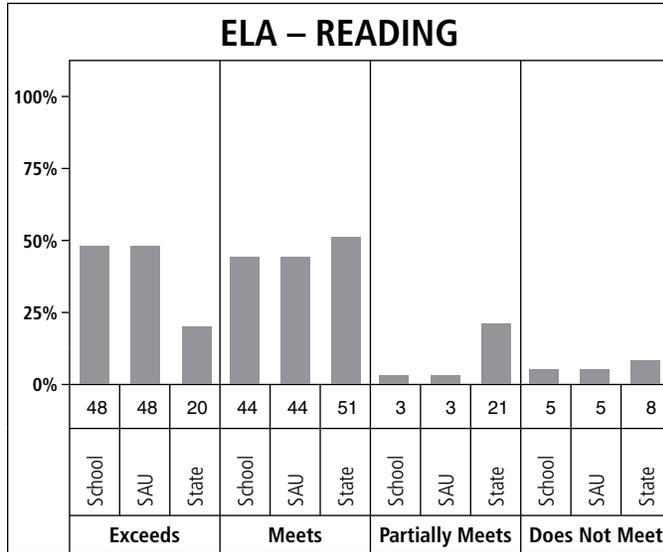
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SUMMARY OF SCORES

Test Date: March 2009
 Grade: 8
 SAU: Yarmouth Schools
 School: Frank H Harrison Middle School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	857	857	847
2007–2008	858	858	849
2008–2009	859	859	850
Cum. Avg.*	858	858	849
Mathematics			
2006–2007	854	854	842
2007–2008	850	850	841
2008–2009	853	853	843
Cum. Avg.*	852	852	842
Science			
2008-2009**	852	852	846



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available



SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
 Grade: 8
 SAU: Yarmouth Schools
 School: Frank H Harrison Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n	%	n	%	n	%	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	119	100	119	100	14804	100	119	100	119	100	14659	99	119	100	119	100	14653	99	119	100	119	100	14626	99
Ethnicity																								
African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	4	3	4	3	192	1	4	100	4	100	188	98	4	100	4	100	191	100	4	100	4	100	190	99
Caucasian/White	113	95	113	95	13878	94	113	100	113	100	13756	99	113	100	113	100	13742	99	113	100	113	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	10	8	10	8	2489	17	10	100	10	100	2434	99	10	100	10	100	2424	98	10	100	10	100	2418	98
Current LEP	1	1	1	1	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
Economically disadvantaged	6	5	6	5	5460	37	6	100	6	100	5380	99	6	100	6	100	5377	99	6	100	6	100	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	107	90	107	90	12132	82	107	90	107	90	12124	82	107	90	107	90	12169	82
Identified disability (PET/IEP)	1	1	1	1	379	3	1	1	1	1	380	3	1	1	1	1	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	12	10	12	10	2349	16	12	10	12	10	2347	16	12	10	12	10	2288	15
Identified disability (PET/IEP)	9	75	9	75	1877	80	9	75	9	75	1862	79	9	75	9	75	1824	80
LEP	1	8	1	8	158	7	1	8	1	8	167	7	1	8	1	8	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	2	17	2	17	292	12	2	17	2	17	297	13	2	17	2	17	280	12
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Test Date: March 2009
Grade: 8
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL							
		School		SAU		State			
		N	%	N	%	N	%		
The quality of a student's work at each achievement level reflects progress in attaining Maine's <i>Learning Results: Parameters for Essential Instruction</i> in English language arts – reading.									
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	45	39	45	39	2407	16		
	2007-2008	43	45	43	45	3428	23		
	2008-2009	57	48	57	48	2857	20		
	Cum. Total*	145	44	145	44	8692	19		
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	55	48	55	48	7494	49		
	2007-2008	39	41	39	41	7179	48		
	2008-2009	52	44	52	44	7431	51		
	Cum. Total*	146	44	146	44	22104	49		
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	11	10	11	10	3628	24		
	2007-2008	10	11	10	11	2706	18		
	2008-2009	4	3	4	3	2979	21		
	Cum. Total*	25	8	25	8	9313	21		
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	4	3	4	3	1810	12		
	2007-2008	3	3	3	3	1611	11		
	2008-2009	6	5	6	5	1214	8		
	Cum. Total*	13	4	13	4	4635	10		

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	41.8	74.6	41.8	74.6	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	14.8	74.0	14.8	74.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	26.9	74.7	26.9	74.7	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



ELA-READING RESULTS (CONTINUED)

Test Date: March 2009
Grade: 8
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

REPORTING CATEGORIES	School										SAU					State						
	Tested		E		M		P		D		Mean Scaled Score	Tested		E		M		P		D		Mean Scaled Score
	N	%	N	%	N	%	N	%	N	%		N	%	N	%	N	%	N	%	N	%	
All Students	119	57	48	52	44	4	3	6	5	859	119	48	44	3	5	859	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	4										4						186	17	48	23	12	847
Caucasian/White	113	57	50	49	43	4	4	3	3	861	113	50	43	4	3	861	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	5	50	2	20	3	30	839	10	0	50	20	30	839	2256	2	25	40	34	834
No	109	57	52	47	43	2	2	3	3	861	109	52	43	2	3	861	12225	23	56	17	4	853
Current LEP																						
Yes	1										1						324	5	34	36	26	838
No	118	57	48	52	44	4	3	5	4	860	118	48	44	3	4	860	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	6	1	17	4	67	1	17	0	0	853	6	17	67	17	0	853	5277	10	46	29	15	844
No	113	56	50	48	42	3	3	6	5	860	113	50	42	3	5	860	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	119	57	48	52	44	4	3	6	5	859	119	48	44	3	5	859	14476	20	51	21	8	850
Gender																						
Female	56	36	64	20	36	0	0	0	0	865	56	64	36	0	0	865	7074	25	51	18	6	852
Male	63	21	33	32	51	4	6	6	10	854	63	33	51	6	10	854	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	119	57	48	52	44	4	3	6	5	859	119	48	44	3	5	859	13624	20	52	20	8	850
Gifted/talented program																						
Yes	9	8	89	1	11	0	0	0	0	872	9	89	11	0	0	872	700	69	30	1	0	867
No	110	49	45	51	46	4	4	6	5	858	110	45	46	4	5	858	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

QUESTIONNAIRE ITEMS	School										SAU					State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E		M		P		D		Mean Scaled Score		
	%	N	%	N	%	N	%	N	%	N	%	%	%	%	%	%	%	%	%	%		
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	8	8	39	29	24	841
B. less than one hour	22	12	46	10	38	2	8	2	8	859	22	46	38	8	8	859	51	17	53	22	8	849
C. one to two hours	61	30	42	37	52	1	1	3	4	859	61	42	52	1	4	859	36	24	52	18	5	852
D. more than two hours	16	15	79	4	21	0	0	0	0	866	16	79	21	0	0	866	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	38	27	60	18	40	0	0	0	0	865	38	60	40	0	0	865	31	35	50	11	4	856
B. good	50	29	49	25	42	2	3	3	5	859	50	49	42	3	5	859	47	16	55	21	7	849
C. fair	10	1	8	8	67	1	8	2	17	849	10	8	67	8	17	849	18	5	47	33	15	842
D. poor	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	50	34	59	23	40	0	0	1	2	863	50	59	40	0	2	863	32	27	54	14	5	853
B. They match some of what I have learned.	38	21	48	19	43	3	7	1	2	860	38	48	43	7	2	860	52	18	53	22	8	850
C. They match just a little of what I have learned.	11	2	15	9	69	0	0	2	15	853	11	15	69	0	15	853	12	11	45	29	15	844
D. There is no match.	2	0	0	1	50	0	0	1	50	838	2	0	50	0	50	838	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	14	5	31	9	56	1	6	1	6	857	14	31	56	6	6	857	15	13	42	28	17	844
B. about the same as my regular schoolwork	57	35	53	27	41	1	2	3	5	861	57	53	41	2	5	861	64	19	53	20	7	850
C. easier than my regular schoolwork	29	16	48	15	45	1	3	1	3	860	29	48	45	3	3	860	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	5	2	33	1	17	1	17	2	33	845	5	33	17	17	33	845	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	38	17	40	24	56	0	0	2	5	860	38	40	56	0	5	860	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	57	36	55	26	40	2	3	1	2	862	57	55	40	3	2	862	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	20	13	57	8	35	0	0	2	9	860	20	57	35	0	9	860	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	64	37	50	32	43	2	3	3	4	861	64	50	43	3	4	861	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	16	7	39	10	56	1	6	0	0	859	16	39	56	6	0	859	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	10	6	50	6	50	0	0	0	0	864	10	50	50	0	0	864	19	26	53	15	6	853
B. 20 minutes to an hour	71	43	52	36	43	1	1	3	4	861	71	52	43	1	4	861	40	25	52	17	6	852
C. less than 20 minutes	12	6	43	5	36	2	14	1	7	857	12	43	36	14	7	857	15	18	51	21	10	849
D. I rarely read at home.	7	2	25	5	63	0	0	1	13	852	7	25	63	0	13	852	26	7	50	30	13	844
How do you feel about the following statement? "My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	62	42	58	28	38	1	1	2	3	863	62	58	38	1	3	863	42	27	51	15	6	853
B. agree	32	15	41	17	46	2	5	3	8	856	32	41	46	5	8	856	50	15	53	23	9	848
C. disagree	5	0	0	6	100	0	0	0	0	855	5	0	100	0	0	855	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	860	1	0	100	0	0	860	2	6	39	35	21	840
Optional school/SAU question																						
A.	0										0											
B.	60	1	33	2	67	0	0	0	0	863	60	33	67	0	0	863						
C.	0										0											
D.	40	1	50	1	50	0	0	0	0	858	40	50	50	0	0	858						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number



MATHEMATICS RESULTS

Test Date: March 2009
 Grade: 8
 SAU: Yarmouth Schools
 School: Frank H Harrison Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL							
		School		SAU		State			
		N	%	N	%	N	%		
The quality of a student's work at each achievement level reflects progress in attaining Maine's <i>Learning Results: Parameters for Essential Instruction</i> in mathematics.									
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	36	32	36	32	1952	13		
	2007-2008	19	20	19	20	1657	11		
	2008-2009	36	30	36	30	2116	15		
	Cum. Total*	91	28	91	28	5725	13		
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 842–860)	2006-2007	54	47	54	47	5870	38		
	2007-2008	53	56	53	56	5956	40		
	2008-2009	61	51	61	51	5443	38		
	Cum. Total*	168	51	168	51	17269	39		
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	19	17	19	17	3982	26		
	2007-2008	14	15	14	15	3729	25		
	2008-2009	11	9	11	9	3556	25		
	Cum. Total*	44	13	44	13	11267	25		
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	5	4	5	4	3534	23		
	2007-2008	9	9	9	9	3579	24		
	2008-2009	11	9	11	9	3356	23		
	Cum. Total*	25	8	25	8	10469	23		

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	35.5	63.4	35.5	63.4	28.6	51.1
A. Number	8	14	4.8	60.0	4.8	60.0	3.7	46.3
B. Data	16	29	10.5	65.6	10.5	65.6	8.9	55.6
C. Geometry	12	21	7.4	61.7	7.4	61.7	5.0	41.7
D. Algebra	20	36	12.8	64.0	12.8	64.0	10.9	54.5

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



MATHEMATICS RESULTS (CONTINUED)

Test Date: March 2009
Grade: 8
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

REPORTING CATEGORIES	School										SAU					State						
	Tested		E		M		P		D		Mean Scaled Score	Tested		E		M		P		D		Mean Scaled Score
	N	%	N	%	N	%	N	%	N	%		N	%	N	%	N	%	N	%	N	%	
All Students	119	36	30	61	51	11	9	11	9	853	119	30	51	9	9	853	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1					367	6	24	26	44	831	
American Indian or Native Alaskan	0										0					114	5	31	32	32	836	
Asian or Pacific Islander	1										1					233	27	33	20	21	847	
Hispanic	4										4					190	8	31	26	34	836	
Caucasian/White	113	35	31	59	52	11	10	8	7	854	113	31	52	10	7	854	13567	15	38	25	22	843
Not Reported	0										0					0						
Identified disability																						
Yes	10	1	10	1	10	1	10	7	70	822	10	10	10	10	70	822	2242	2	12	22	63	824
No	109	35	32	60	55	10	9	4	4	856	109	32	55	9	4	856	12229	17	42	25	16	846
Current LEP																						
Yes	1										1					336	6	18	26	51	829	
No	118	36	31	61	52	11	9	10	8	854	118	31	52	9	8	854	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	6	0	0	4	67	1	17	1	17	844	6	0	67	17	17	844	5270	6	30	28	36	835
No	113	36	32	57	50	10	9	10	9	854	113	32	50	9	9	854	9201	20	42	22	16	847
Migrant																						
Yes	0										0					5	0	0	40	60	828	
No	119	36	30	61	51	11	9	11	9	853	119	30	51	9	9	853	14466	15	38	25	23	843
Gender																						
Female	56	18	32	31	55	5	9	2	4	856	56	32	55	9	4	856	7070	15	39	25	22	843
Male	63	18	29	30	48	6	10	9	14	851	63	29	48	10	14	851	7401	14	36	25	25	842
Not Reported	0										0					0						
Title 1A targeted program																						
Yes	0										0					857	5	25	33	37	835	
No	119	36	30	61	51	11	9	11	9	853	119	30	51	9	9	853	13614	15	38	24	22	843
Gifted/talented program																						
Yes	9	6	67	3	33	0	0	0	0	866	9	67	33	0	0	866	700	68	27	3	1	866
No	110	30	27	58	53	11	10	11	10	852	110	27	53	10	10	852	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 8
 SAU: Yarmouth Schools
 School: Frank H Harrison Middle School

QUESTIONNAIRE ITEMS	School										SAU					State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E		M		P		D		Mean Scaled Score		
	%	N	%	N	%	N	%	N	%		%	%	%	%	%	%	%	%				
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	854	1	0	100	0	0	854	8	8	24	24	44	833
B. less than one hour	22	7	27	13	50	2	8	4	15	851	22	27	50	8	15	851	51	12	38	26	23	842
C. one to two hours	61	24	34	35	49	7	10	5	7	855	61	34	49	10	7	855	36	19	40	23	19	845
D. more than two hours	16	5	26	12	63	2	11	0	0	855	16	26	63	11	0	855	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	35	25	63	14	35	0	0	1	3	863	35	63	35	0	3	863	28	33	41	15	11	852
B. good	47	7	13	33	61	7	13	7	13	849	47	13	61	13	13	849	45	11	43	25	21	842
C. fair	14	1	6	11	69	3	19	1	6	846	14	6	69	19	6	846	21	3	27	35	35	834
D. poor	4	1	25	2	50	1	25	0	0	850	4	25	50	25	0	850	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	27	8	25	21	66	2	6	1	3	856	27	25	66	6	3	856	28	23	41	21	15	848
B. They match some of what I have learned.	57	24	36	33	49	7	10	3	4	856	57	36	49	10	4	856	52	13	40	25	21	843
C. They match just a little of what I have learned.	13	4	27	5	33	1	7	5	33	844	13	27	33	7	33	844	16	8	28	30	34	836
D. There is no match.	3	0	0	2	67	1	33	0	0	846	3	0	67	33	0	846	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	20	9	39	11	48	1	4	2	9	855	20	39	48	4	9	855	32	6	34	29	32	837
B. about the same as my regular schoolwork	55	16	25	34	54	8	13	5	8	852	55	25	54	13	8	852	52	13	41	25	20	843
C. easier than my regular schoolwork	25	11	39	14	50	2	7	1	4	858	25	39	50	7	4	858	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	23	8	31	14	54	1	4	3	12	854	23	31	54	4	12	854	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	63	23	32	38	52	7	10	5	7	854	63	32	52	10	7	854	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	14	4	25	8	50	3	19	1	6	852	14	25	50	19	6	852	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	72	26	31	43	51	8	10	7	8	854	72	31	51	10	8	854	34	18	40	22	20	845
B. two or three days a week	23	9	33	13	48	3	11	2	7	853	23	33	48	11	7	853	35	14	38	26	21	843
C. two or three times each month	4	1	20	4	80	0	0	0	0	856	4	20	80	0	0	856	18	12	37	27	24	841
D. never or almost never	1	0	0	1	100	0	0	0	0	854	1	0	100	0	0	854	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	31	13	36	19	53	3	8	1	3	858	31	36	53	8	3	858	9	13	38	23	26	841
B. two or three days a week	46	18	33	27	50	6	11	3	6	855	46	33	50	11	6	855	17	11	37	26	26	841
C. two or three times each month	20	4	17	14	61	2	9	3	13	850	20	17	61	9	13	850	28	15	40	25	20	844
D. never or almost never	3	1	25	1	25	0	0	2	50	834	3	25	25	0	50	834	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	65	28	37	40	53	6	8	2	3	858	65	37	53	8	3	858	52	19	41	22	18	846
B. agree	29	8	24	17	50	3	9	6	18	848	29	24	50	9	18	848	39	11	35	27	27	840
C. disagree	4	0	0	2	40	2	40	1	20	842	4	0	40	40	20	842	6	7	28	26	39	835
D. strongly disagree	2	0	0	2	100	0	0	0	0	848	2	0	100	0	0	848	3	4	25	28	43	832
Optional school/SAU question																						
A.	0										0											
B.	60	1	33	2	67	0	0	0	0	857	60	33	67	0	0	857						
C.	0										0											
D.	40	1	50	1	50	0	0	0	0	866	40	50	50	0	0	866						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number



SCIENCE RESULTS

Test Date: March 2009
 Grade: 8
 SAU: Yarmouth Schools
 School: Frank H Harrison Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL								
		School		SAU		State				
		N	%	N	%	N	%			
The quality of a student's work at each achievement level reflects progress in attaining Maine's <i>Learning Results: Parameters for Essential Instruction</i> in science.										
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	32	27	32	27	2155	15			
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	60	50	60	50	6687	47			
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	18	15	18	15	3672	26			
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	9	8	9	8	1749	12			

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	35.9	64.1	35.9	64.1	32.0	57.1
D. The Physical Setting	31	55	18.8	60.6	18.8	60.6	17.1	55.2
D1/D2 Earth/Space	17	30	10.6	62.4	10.6	62.4	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	8.2	58.6	8.2	58.6	7.7	55.0
E. The Living Environment	25	45	17.1	68.4	17.1	68.4	14.9	59.6

The MEA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

- Content Standard D. The Physical Setting
 - D1 - Universe and Solar System
 - D2 - Earth
 - D3 - Matter and Energy
 - D4 - Force and Motion
- Content Standard E. The Living Environment
 - E1 - Biodiversity
 - E2 - Ecosystems
 - E3 - Cells
 - E4 - Heredity and Reproduction
 - E5 - Evolution

*Because Science standards were reset in May 2009, no historical data are available.



SCIENCE RESULTS (CONTINUED)

Test Date: March 2009
Grade: 8
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

REPORTING CATEGORIES	School										SAU					State						
	Tested		E		M		P		D		Mean Scaled Score	Tested		E		M		P		D		Mean Scaled Score
	N	%	N	%	N	%	N	%	N	%		N	%	N	%	N	%	N	%	N	%	
All Students	119	32	27	60	50	18	15	9	8	852	119	27	50	15	8	852	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	4										4						184	9	45	29	16	842
Caucasian/White	113	32	28	58	51	18	16	5	4	853	113	28	51	16	4	853	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	4	40	1	10	5	50	832	10	0	40	10	50	832	2221	3	22	36	38	832
No	109	32	29	56	51	17	16	4	4	854	109	29	51	16	4	854	12042	17	51	24	7	848
Current LEP																						
Yes	1										1						331	4	20	39	37	832
No	118	32	27	60	51	18	15	8	7	852	118	27	51	15	7	852	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	6	1	17	2	33	2	33	1	17	845	6	17	33	33	17	845	5184	6	40	33	21	840
No	113	31	27	58	51	16	14	8	7	852	113	27	51	14	7	852	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	119	32	27	60	50	18	15	9	8	852	119	27	50	15	8	852	14258	15	47	26	12	846
Gender																						
Female	56	15	27	31	55	8	14	2	4	854	56	27	55	14	4	854	6953	14	47	28	11	846
Male	63	17	27	29	46	10	16	7	11	850	63	27	46	16	11	850	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	119	32	27	60	50	18	15	9	8	852	119	27	50	15	8	852	13435	16	48	25	12	846
Gifted/talented program																						
Yes	9	6	67	3	33	0	0	0	0	867	9	67	33	0	0	867	699	65	34	2	0	865
No	110	26	24	57	52	18	16	9	8	851	110	24	52	16	8	851	13564	13	48	27	13	845

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: Yarmouth Schools
School: Frank H Harrison Middle School

QUESTIONNAIRE ITEMS	School										SAU					State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E		M		P		D		Mean Scaled Score		
	%	N	%	N	%	N	%	N	%	N	%	%	%	%	%	%	%	%	%	%		
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	844	1	0	100	0	0	844	8	8	34	28	30	837
B. less than one hour	22	9	35	10	38	4	15	3	12	853	22	35	38	15	12	853	51	14	48	27	11	846
C. one to two hours	61	20	28	37	52	10	14	4	6	852	61	28	52	14	6	852	36	19	48	24	9	848
D. more than two hours	16	3	16	12	63	4	21	0	0	854	16	16	63	21	0	854	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	24	16	57	8	29	3	11	1	4	861	24	57	29	11	4	861	23	27	47	17	8	851
B. good	53	11	18	40	65	7	11	4	6	851	53	18	65	11	6	851	53	15	50	26	10	847
C. fair	21	4	17	11	46	8	33	1	4	848	21	17	46	33	4	848	20	4	43	35	18	840
D. poor	3	1	33	1	33	0	0	1	33	843	3	33	33	0	33	843	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	11	6	46	6	46	0	0	1	8	859	11	46	46	0	8	859	26	20	49	23	9	849
B. They match some of what I have learned.	62	18	25	39	53	12	16	4	5	852	62	25	53	16	5	852	51	14	48	26	11	846
C. They match just a little of what I have learned.	24	8	29	13	46	5	18	2	7	852	24	29	46	18	7	852	18	13	44	28	15	844
D. There is no match.	3	0	0	2	67	1	33	0	0	845	3	0	67	33	0	845	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	39	12	27	24	53	8	18	1	2	855	39	27	53	18	2	855	32	13	45	28	14	844
B. about the same as my regular schoolwork	49	16	28	30	53	8	14	3	5	852	49	28	53	14	5	852	56	15	49	25	11	847
C. easier than my regular schoolwork	12	4	29	5	36	2	14	3	21	847	12	29	36	14	21	847	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	25	11	38	12	41	3	10	3	10	853	25	38	41	10	10	853	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	59	18	26	38	56	8	12	4	6	853	59	26	56	12	6	853	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	16	3	16	9	47	7	37	0	0	849	16	16	47	37	0	849	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	22	6	24	11	44	5	20	3	12	851	22	24	44	20	12	851	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	21	7	29	11	46	4	17	2	8	851	21	29	46	17	8	851	23	17	49	22	12	847
C. the course(s) described in B, plus physics	24	12	43	13	46	3	11	0	0	859	24	43	46	11	0	859	21	31	44	17	7	852
D. a life science and physical science class	34	7	18	25	64	5	13	2	5	851	34	18	64	13	5	851	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	31	11	31	19	53	4	11	2	6	855	31	31	53	11	6	855	27	23	47	20	10	849
B. agree	26	14	47	9	30	4	13	3	10	855	26	47	30	13	10	855	37	14	47	27	12	846
C. disagree	28	5	15	22	67	5	15	1	3	851	28	15	67	15	3	851	25	11	48	29	12	845
D. strongly disagree	15	2	11	10	56	5	28	1	6	846	15	11	56	28	6	846	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	40	15	33	24	52	6	13	1	2	856	40	33	52	13	2	856	31	22	46	22	10	849
B. agree	46	13	25	27	51	8	15	5	9	850	46	25	51	15	9	850	50	14	49	26	11	846
C. disagree	14	4	25	7	44	4	25	1	6	850	14	25	44	25	6	850	14	9	45	31	15	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	5	3	38	34	25	837
Optional school/SAU question																						
A.	0										0											
B.	60	1	33	1	33	1	33	0	0	849	60	33	33	33	0	849						
C.	0										0											
D.	40	1	50	1	50	0	0	0	0	859	40	50	50	0	0	859						

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 N = Number